

# Converting Colors

Android(4282414227)

Have a look what the booklet for  
Android(4282414227) contains.

<b>Android(4282414227)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4282414227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407493
RGB	64, 116, 147
RGB Percent	25%, 45%, 58%
CMY	0.7490, 0.5451, 0.4235
CMYK	0.56, 0.21, 0.00, 0.42
HSL	202°, 39%, 41%
HSV	202°, 56%, 58%
XYZ	13.6262, 15.6874, 29.9135
YIQ	103.9860, -40.9430, -1.3830

# Conversions

## Conversions Part 2

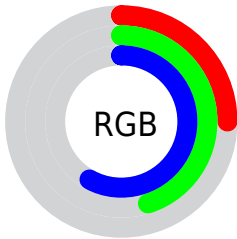
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 96, 147
Decimal	4224147
CIE <sub>Lab</sub>	46.56, -7.98, -22.15
CIE <sub>LCh</sub>	47, 23.544, 250.200
Y <sub>xy</sub>	15.6874, 0.2301, 0.2649
Android (android.graphics.Color)	4282414227 (0xFF407493)
Y <sub>UV</sub>	103.9860, 21.2059, -35.0677
Hunter-Lab	39.6073, -7.9028, -17.0539

# Details

The Android color `4282414227` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287848256`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285966537`, and `4278207584` is the 20% darker color. If you saturate the color by 10%, you get `4281429907`, and if you desaturate by 10%, it is `4283398547`.

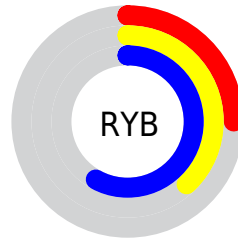
# Distribution



Red (25%)

Green (45%)

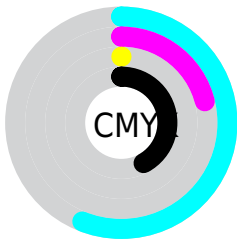
Blue (58%)



Red (25%)

Yellow (38%)

Blue (58%)

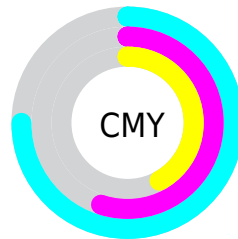


Cyan (56%)

Magenta (21%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (55%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282414227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4282414227 by changing the saturation by 10% instead.





4282414227



4282414227

4294967295



4280507257



4285966537



4278207584



4287742949



4278201928



4289585151



4278196786



4291427583



4278190621



4293328895



4278190080



4282414227



4282414227



4281429907



4283398547



4280510867



4284317587

■ 4279526547

■ 4285301907

■ 4278541971

■ 4286286483

■ 4278213779

■ 4287270803

■ 4288189843

■ 4289174163

■ 4290158739

■ 4291077523

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4281104519



4282414227



4284378773

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4282414227



4287979368



4284446032

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4282414227



4287848256

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4285886279



4282414227



4287849046

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4282414227



4287455612



4287064394



4282939488

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4282414227



4285622672



4287064394



4284969804



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4282414227



4288656319



4282422110



4283325025



4292927712



4284572001



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4282414227



4282224575



4282403731



4282599242



4278212234



4278191626



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4287840372



4290723215



4287858752



4283056967



4287234134



4278845446



# Previews

## White Background



This preview shows how the Android color 4282414227 looks on a white background.

## Color Contrast Check

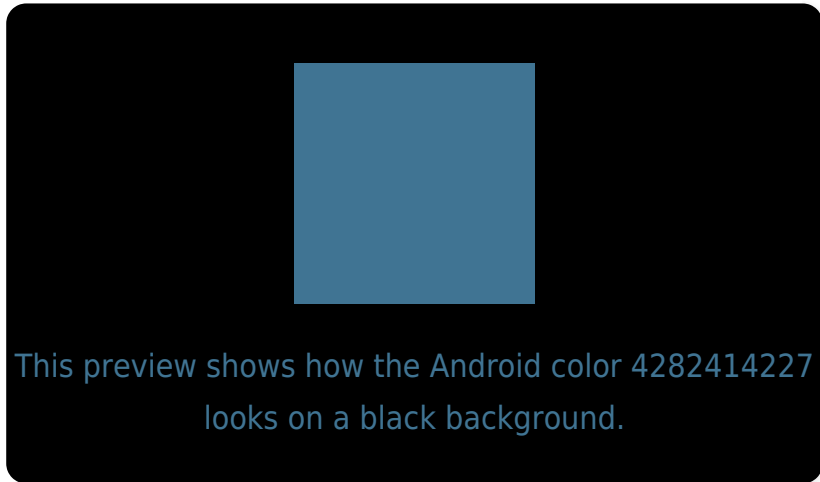
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

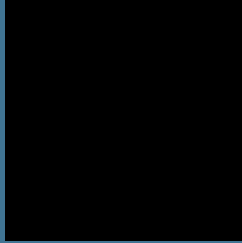
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

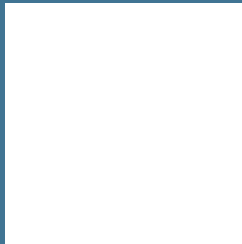
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282414227 Background



This preview shows how black text looks on a background with the Android color 4282414227.



This preview shows how white text looks on a background with the Android color 4282414227.

# Color Blindness Simulation

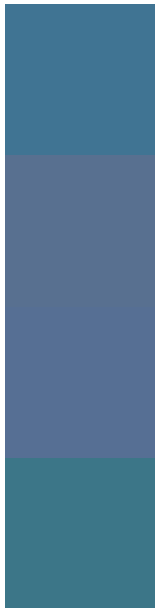
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4282414227

**Protanomaly**

4283986064

**Deuteranomaly**

4283854740

**Tritanomaly**

4282152584

# Monochromacy



**Original Color**

4282414227

**Achromatopsia**

4285032552

**Achromatomaly**

4284050552

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282414227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(64, 116, 147)` looks like.

```
.text, #text, p{  
    color:rgb(64, 116, 147)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(64, 116, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 116, 147) }
```

## Border

The CSS property to change the border of an element to Android 4282414227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

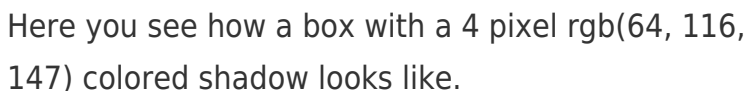
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 116, 147) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(64, 116, 147) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(64, 116, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 116, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 116, 147);  
box-shadow:4px 4px 4px 4px rgb(64, 116,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4282414227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 116, 147) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(64, 116,  
147) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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